

INFORMATION SERVICES DEPARTMENT



COUNTY OF SAN BERNARDINO
COUNTY ADMINISTRATIVE OFFICE

☐ ADMINISTRATION
☐ TECHNOLOGY ARCHITECTURE
670 East Gilbert Street • San Bernardino, CA 92415-0815 • (909) 388-5500 • Fax (909) 388-5555

☐ APPLICATION DEVELOPMENT
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☒ NETWORK SERVICES
777 East Rialto Avenue • San Bernardino, CA 92415-0740 • (909) 387-2010 • Fax (909) 387-8859
1742 West Nile-Way • Rialto, CA 92376 • (909) 356-3900 • Fax (909) 356-3915

LEYDEN L. HAHN
Chief Information Officer

WT 02-378

April 16, 2002

William F. Caton, Acting Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, D.C. 20554

RECEIVED

MAR 13 2003

Dear Mr. Secretary:

SUBJECT: DOCKET 96-86 REGION 5 700 MHZ REGIONAL PLAN

Federal Communications Commission
Office of Secretary

Please accept the attached plan for FCC review and approval per requirements of Docket 96-86. Region 5 did not change boundaries from the 800 MHz Region 5, and is further identified in the body of the Plan.

The regions adjacent to Region 5 are not far along in their planning process; therefore I am sending a copy of this plan to the chairperson of each adjacent region. The Region 5 Plan also addresses concerns the adjacent regions may have regarding frequency allotments along the border areas. Region 5 is prepared to address any planning issues with the adjacent regions that may arise as they progress with their plans.

I certify that all meetings, including work group meetings were open to the public. All persons wishing to comment at any meeting were allowed to do so. Decisions were only ratified at full Committee meetings.

Sincerely,

David Buchanan
Chairman, Region 5

WILLIAM F. CATON, JR.
Acting Secretary

JOHN B. CUNNEEN
Regional Director

JOHN B. CUNNEEN
Regional Director

JOHN B. CUNNEEN
Regional Director

JOHN B. CUNNEEN
Regional Director

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1 Regional Committee Positions

At the first regional **plan** meeting on September 2, 1999, David Buchanan was elected as Regional Chair. **His** contact information **is** below:

David Buchanan
County of San Bernardino
777 E. Rialto Ave.
San Bernardino, CA 92415-0740

Phone 909-387-3337
Fax 909-387-8859
Email dbuchanan@sbccounty.gov

At the thud regional p n meeting on March 13, **2002** Garrett Mayer was elected Vice Chair of the Committee. His contact information is below:

Garrett Mayer
County of Los Angeles
1110 N. Eastern Ave.
Los Angeles, CA 90063

Phone 323-267-2751
Fax 323-881-1866
Email gmayer@co.la.ca.us

At the third regional plan meeting on March 13, 2002 Charles Luckey was elected as Secretary of the Committee. His contact information is below:

Charles Luckey
City of Long Beach
1601 San Francisco Ave
Long Beach, CA 90813-1437

Phone 562-570-3250
Fax 562-570-2809
Email chuck_luckey@worldnet.att.net

2 RPC Membership

Appendix **A** contains the membership list **for** Region 5. Membership is open to any interested **party**. Voting and operating procedures are described in Section 5 of this plan.

3 Region Description

Region 5 commonly referred to as Southern California, consists of 10 counties – San Louis Obispo, Santa Barbara, Kern, Ventura, San Bernardino, Los Angeles, Orange, Riverside, San Diego, and Imperial.

The Southern California terrain is varied and rugged. Elevations **range** from 180 feet below sea **level** to over 10,000 feet above. Population is concentrated in the Los Angeles basin and surrounding areas and in San Diego and its **surrounding** areas. Other areas of Southern California have small concentrated areas of population with vast areas of mountains and desert with very sparse population. The Los Angeles Basin including surrounding areas requires the majority **of** spectrum to **support** public safety services to the 15.6 million citizens.

All types of public safety agencies and services are located in this region. The majority of requests for voice spectrum were as follows.

The State of California's request for spectrum is to support a new statewide system that will integrate multiple state agencies on the system. The State is also designing the system to accommodate local agencies that wish to participate.

Several Counties in the region are requesting spectrum to expand and accommodate growth of existing 800 MHz trunked systems.

The State Emergency Medical Services Authority and American Medical Response (AMR) a large ambulance service provider requested spectrum for new emergency medical systems.

Another category **of** requests was from a few cities in the Los Angeles basin area to satisfy long unmet needs.

4 Notification Process

The First Regional Plan Meeting was held on September 2, 1999. Notices were sent by mail to FEMA Region 9, APCO, FCCA, IMSA, ASHTO and the FCC. The meeting was advertised in the APCO Magazine and the CPRA (the local APCO chapter) News Letter. The FCC did not issue a Public Notice of the meeting. The convener, David Buchanan also contacted several agencies via email that expressed interest in the planning process. The CPRA CommLink **is** sent monthly to nearly all public safety agencies and is considered the primary notification method.

The second meeting was held on June 21, 2000. The FCC did issue a Public notice for this meeting. The meeting was again advertised in the CPRA CommLink. During the meeting an opportunity was given for anyone not at the first meeting to object and ask for a **revote** on decisions made. **No one came forward to object,**

As the primary purpose of the planning effort is *to* allocate spectrum to public safety agencies needing additional spectrum, the Committee made special efforts to allow agencies to come forward and demonstrate a need for additional spectrum. **A** filing window for requests was open from the first meeting until January 1, 2001.

This was advertised at **CPRA** monthly Meetings and in the CPRA CommLink. The local **APCO** frequency advisor, personally contacted several agencies he **knew** of that had unfilled needs that were long standing.

All meeting notices, **minutes** and members of the committees **are** shown in the appendixes of this **plan**.

5 Regional Plan Administration

5.1 Operations of the Regional Plan Committee

This committee will use Robert's Rules of Order to conduct meetings. All decisions will be by clear consensus vote with each Public Safety Agency having one vote. The meetings are open to all persons and a public input time is given for anyone to express a viewpoint or to have input to the planning.

Workgroups may be formed as needed to work on specific issues. For the initial planning three workgroups were formed – writing group, spectrum planning group and operations group. Workgroups are intended to work on details of specific issues and make recommendations to the full committee. Any changes to the Regional plan must be voted and approved by the full Regional Plan Committee. Workgroups are open to any who want to participate. The Chair of the Regional Plan Committee appoints the Chair for each workgroup.

A minimum of one meeting per year will be held of the full committee. This will be announced and advertised 90 days in advance by the Committee Chair. Normal time for this meeting will be in January each year.

Beginning two years after Federal Communications Commission approval of this Regional Plan, the Chair shall call a meeting of the Committee to elect a Chair, Vice Chair and Secretary to serve for two years. There is no limit to the number of terms that may be served.

If the Chair is unable to serve a complete term the Vice Chair will serve as Chair until the next election meeting. If both the Chair and Vice Chair are unable to serve their full terms one or the other should strive to call a special meeting of the Committee to elect replacements. If for some reason, neither the Chair nor the Vice Chair can call the special meeting; the State or any County within the region may call for a special meeting, giving at least 90 days notice, to elect replacements.

5.2 Procedure for Requesting Spectrum Allotments

The procedure for initial requests is stated in Section 4. After plan approval, agencies desiring a spectrum allotment shall submit a request to the Chair in writing indicating their need for spectrum. The requests will be considered, providing that harmful interference is not caused to existing users. The technical parameters to determine the extent of any possible interference are given in Section 7, of this Plan. Agencies will need to provide the Committee with a **full** justification for the additional spectrum. **All** requests will be considered on a first come first served basis. In the event that conitending requests are received, in the

same time frame Section 8.5 will be used to **determine** priority for allocation of spectrum.

For approval, the Chair will distribute the request to all other agencies with allotments in **the** plan for review. **An** agency may protest approval within **30** calendar days. Protests will only be considered if an agency or **the** Chair can show harmful interference is likely based on the input submitted by the agency requesting the new allotment or the allotment does not conform to plan criteria. If the parties cannot resolve the issues and *so* inform the Chair within 14 calendar days then a full Committee meeting will be scheduled to consider and vote on the protest. Absent a protest, the allotment will be approved by the Chair and submitted to the FCC as a plan amendment.

5.3 Procedure for Frequency Coordination

Before applicants submit an application *to* one of the FCC recognized frequency coordinators, the application must be reviewed at a frequency meeting of the Regional Planning Committee. The Committee will review the application to ensure it complies with all elements of the Regional Plan. This will NOT be a review to ensure the application form meets FCC requirements for filing.

The applicants must submit a copy of the FCC application and supporting documents to the Regional Plan Chair. An interference prediction map must be included in the documentation. TIA/EIA TSB88-A guidelines will be used to produce the interference map. The map must show all interference predicted using TSB88-A guidelines. Any agency with co-channel or adjacent channel allotments may request field tests of signal levels to verify interference signal levels. Agencies must be prepared to conduct these field tests if a request is made. All agencies must meet the coverage criteria of Section 7.

The frequency meetings will be held as needed to review applications but normally concurrent with the California Public-Safety Radio Association (CPRA-the Southern California Chapter of APCO) monthly meeting. After the regular CPRA meeting, the 700 MHz Regional Plan Frequency meeting may be convened. The CPRA meetings are normally attended by many of the public safety agencies in Southern California. Notification of frequency meetings will be placed in the CPRA CommLink and will be available to non-members at the CPRA WEB site (www.cpra.org). Membership in APCO or CPRA is not required to participate in this frequency coordination meetings and the collocation of meeting is solely for the convenience of the Regional Plan Members.

5.4 Adjacent Region Spectrum Allocation

Region 5 shares borders with Arizona, Nevada, and Northern California. Region 5 has a small population density along the Nevada and Arizona borders. Region 5 will coordinate channel allocations with all bordering regions and the State of California for those channels established by planning as statewide use.

Region 5 will provide data to the National Public Safety Telecommunications Council (NPSTC) Pre-coordination Data Base to assist with adjacent region coordination.

5.5 Mexico Border issues

Region 5 shares a border with Mexico. The Counties of Imperial and San Diego are impacted by any border spectrum agreements. State of California spectrum use is also impacted in those counties. Region 5 requests input into any spectrum sharing agreements with Mexico. Any agreement that impacts allotments to Imperial County and San Diego County/City will impact the entire allotment plan for Region 5. Region 5 is ready to help in any way in working out spectrum sharing agreements with Mexico.

5.6 Dispute Resolution

In the event an agency disputes the implementation of this plan after FCC approval, the agency must notify the Chair of the dispute in writing. This section does not apply to protests over new spectrum allotments (see Section 5.2). The Chair will attempt to resolve the dispute on an informal basis. If a party to the dispute employs the Chair, then the Vice Chair will attempt resolution. In such cases, the Chair shall be deemed to have a conflict of interest and will be precluded from voting on such matters. If after 30 days the dispute is not resolved, the Chair (or Vice Chair) will appoint an ad-hoc Dispute Resolution Committee. The committee shall be comprised of a member from the State of California and members selected from representatives of the counties in the region, the City of Los Angeles or the City of San Diego. No member selected may be from an agency involved in the dispute. That committee will select a Chair to head the committee. The Regional Plan Chair (or Vice Chair) will represent the Region in presentations to the Dispute Resolution Committee. The Committee will hear input from the disputing agency, any effected agencies and the Region Chair. The Committee will then meet in executive session to prepare a recommendation to resolve the dispute. Should this recommendation not be acceptable to the disputing agency(ies), the dispute and all written documentation will be forwarded to the federal Communications Commission for final resolution.

6 Interoperability Channels

6.1 Introduction

The ability for agencies to effectively respond to mutual aid requests directly depends on their ability to communicate with each other. Southern California is subject to many natural disasters and mutual aid is common among agencies. This Plan seeks to facilitate the communications necessary for effective mutual aid.

The State of California will administer the interoperability channels via a State Interoperability Executive Committee (SIEC) under National Coordination Committee's (NCC) guidelines. As the State is divided into two regions this will facilitate common operating procedures for both North and South. If the State is unable to form the SIEC and develop interoperability operating procedures then this committee will do so. This Plan also gives the following guidance to the SIEC to take into account the needs of Southern California.

6.2 Tactical Channels

This Region is unable to set aside, at this time, additional channels beyond those established by the FCC in their band allocations, for interoperability use. Because of the extensive mutual aid operations that can involve several mutual aid operations simultaneously, all mobile and portable units operating under this Plan should have all the interoperability channels both repeat and direct modes programmed into each unit. The radios must be programmed with the minimum number of channels called for in NCC guidelines or as the SIEC specifies. The channels display will be in accordance with the NCC guidelines that have common alphanumeric nomenclature to avoid any misinterpretation of use.

6.3 Deployable Systems

This Plan strongly supports use of deployable systems, both conventional and trunked. Deployable systems are prepackaged systems that can deploy by ground or air to an incident to provide additional coverage and capacity on interoperability channels. This will minimize the expense of installing extensive fixed infrastructure and recognizes the difficulty of providing complete coverage of the region due to environmental constraints.

Agencies should have conventional deployable systems capable of being tuned to any of the interoperability tactical channels. Those agencies that are part of a multi-agency trunked system and commonly provide mutual aid to each other are encouraged to have trunked deployable systems that operate on the tactical channels designated by the FCC for this use. The SIEC will develop the operational details for deploying these system.

It is expected that the tactical channels set aside for trunked operation will be heavily used by deployable systems. Therefore, the tactical channels cannot be assigned to augment general use trunked systems.

6.4 Monitoring of Calling Channels

It is desired that the State of California take responsibility for monitoring the interoperability and calling channels. This would include assignments of channels to mutual aid incidents as required. The SIEC will develop operational guidelines for this function.

7 Interference Protection

The frequency allotment list is based on an assumption that the systems will be engineered on an interference-limited basis not a noise floor-limited basis. Agencies are expected to design their systems for maximum signal levels within their coverage area and minimum levels in the coverage area of other co-channel users. Coverage area is normally the geographical boundaries of the Agency(s) served plus a three-mile area beyond.

Systems should be designed for a minimum signal strength of 40 dBμ in the system coverage area while minimizing signal power out of the coverage area. TIA/EIA TSB88-A (or latest version) will be used to determine harmful interference assuming 40 dBμ, or greater, signal in all systems coverage areas. This may require patterned antennas and extra sites compared to a design that assumes noise limited coverage.

To maximize spectrum utilization, receivers of the highest quality must be used in systems. Given a choice of radios to choose from in a given technology family, agencies should use the units with the best specifications. This plan will not protect agencies from interference if their systems utilize low quality receivers.

8 Allocation of Narrowband “General Use” Spectrum

All agencies requesting spectrum during the initial filing window (see Section 4) were allotted channels excepting as noted in Section 8.4. Allotments were made in 4 channel (25 kHz) groups to allow for various digital technologies to be implemented. Requests for voice channels were allocated on the basis of one 6.25 kHz channel per one voice channel requested. For narrowband mobile data requests two 6.25 kHz channels were allocated for each mobile data channel requested. This was done to maximize spectrum efficiency and to meet the FCC goal of one voice channel per 6.25 kHz of spectrum. In a few cases this resulted in allocating one or two extra 6.25 kHz channels to maintain the 25 kHz grouping of channels.

The Spectrum Workgroup requested information via a series of five questions to each agency requesting spectrum. This information validated the need for spectrum and insured no duplicated requests involving multi-agency systems. Small agencies were encouraged to join multi-agency systems if possible.

8.1 Low power Secondary Operations

To facilitate portable operation by any licensee, and to provide channels for such operation without impacting the use of primary channels, certain low power secondary use will be permitted. Any public safety entity otherwise licensed to use one or more channels under this Plan may receive authorization to license any additional channel for secondary use, subject to the following criteria:

- All operation of units on such authorized channels will be considered secondary to other licensees on both co-channel and adjacent channels.
- No channels on, or adjacent to, those designated in the Plan for wide area operation and/or mutual aid use will be authorized.
- Channels will be authorized for **use** in specific areas **only**, such areas to **be** within the licensees authorized operational area.
- Maximum power will be limited to 6 watts ERP.
- Use aboard aircraft is prohibited.
- Applications for channels may be submitted to the Review and Revision Committee for consideration at any time and must be accompanied by a showing of need. The Committee may select and authorize licensing of these secondary use channels after consideration of potential interference to co-channel and adjacent channel allotments, allocations and licensees. Authorization may be granted for use of any suitable channel, without prior allotment or allocation to the requesting agency.
- In the event the channels authorized for low power secondary operation are needed by others during any window opening for reassignment, no protection will be afforded to the licensed secondary user, and they may be required to change frequencies or surrender licenses to prevent interference to primary use channels.

8.2 Low power Channels

The FCC in the 700 MHz band plan set aside channels 1 - 8 paired with 961 – 968 and 949 – 958 paired with 1909 – 1918 for low power use for on-scene incident response purposes using mobiles and portables subject to Commission-approved regional planning committee regional plans. Transmitter power must not exceed 2 watts (ERP).

Channels 9 –12 paired with 969 - 972 and 959 – 960 paired with 1919 – 1920 are licensed nationwide for itinerant operation. Transmitter power must not exceed 2 watts (ERP).

These channels may operate using analog operation. To facilitate analog modulation this plan will allow aggregation of two channels for 12.5 kHz bandwidth. On scene temporary base and mobile relay stations are allowed (to the extent FCC rules allow) with an antenna height limit of 6.1 meter (20 feet) above the ground. However, users are encouraged to operate in simplex mode whenever possible. This plan does not limit use to only analog operations, these channels are intended for use in a wide variety of applications that may require digital modulation types.

In its dialog leading up to CFR §90.531 allocating the twenty-four low power **6.25** kHz frequency pairs (of which eighteen fall under RPC jurisdiction)', the Federal Communications Commission (FCC) suggested that there is a potential for multiple low power applications, and absent a compelling showing, a sharing approach be employed rather than **making** exclusive assignments for each specific application because low power operations can co-exist [in relatively close proximity] on the same frequencies with minimal potential for interference due to the **2** watt power restriction.

Whereas advantages exist in not **making** assignments, the reverse is also true. **If**, for example, firefighters operate on a specific frequency or set of frequencies in one area, there is some logic in replicating that template throughout the region for firefighter equipment. If there are no assignments, such a replication **is** unlikely.

In seeking **the** middle ground with positive attributes showing up both for assignments and no assignments, we recommend the following regarding assignments associated with the eighteen narrowband channels for which the RPC's have responsibility

- Channel #'s 1-4 and 949-952 are set aside as *generic* channels for use by public safety agencies operating within Region 5, and the complementary channel #'s 961-964 and 1909-1912 are set aside as *generic* channels also for **use** by public safety agencies including GPS differential correction telemetry for channels 961-964 and 1909-1912 likewise operating within Region 5.
- Channel #'s 5-8 are designated as *Fire Protection* channels for licensing and exclusive use by the Fire Protection discipline. and the complementary channel #'s 965-968 are set aside as *Law Enforcement* channels also for licensing and exclusive use by the Law Enforcement discipline.
- Channel #'s 955-956 are set aside as *Fire Protection* channels for licensing and exclusive use by the Fire Protection discipline. and the complementary channel #'s 1915-1916 are set aside as *Law Enforcement* channels also for licensing and exclusive use by the Law Enforcement discipline.

Channel #'s 957-958 are set aside as *Fire Protection/Law Enforcement* channels for licensing and use by the Fire Protection and Law Enforcement disciplines, and the complementary channel #'s 1917-1918 are set aside as *Fire Protection/Law Enforcement*

Simplex operations may occur on either the base or mobile channels. Users are cautioned to coordinate on scene use among all agencies involved. Users should

¹ See paragraphs 35 through 39 in FCC's **Third** Memorandum Opinion and Order for WT Docket No. 96-86 adopted September 18, 2000

license multiple channels and be prepared to operate on alternate channels at any given operational area.

8.3 System Implementation

Most areas in Southern California will be precluded from immediately implementing systems due to protection requirements of existing television stations. These stations may not move until year 2006, or after, depending on the **85%** market penetration of digital TV implementation.

Therefore this plan will not **require** agencies to implement systems **using** the 700 MHz spectrum allocated to them until TV station(s) requiring protection relocate to another TV channel. After that date, agencies must release a System RFP within one year and sign a contract with a vendor within one year of releasing the System RFP. For the State of California, implementation **of** general **use** channels shall be governed by FCC rule 90.529(b) and (c).

If an agency does not implement in the timeframes specified, that agency's allotment may be removed from the allotment list. An Agency may file a request with the Region Chair for an extension of time to implement. The request should include all details describing why the agency has not implemented and a new implementation schedule. The Committee Chair will advise this request and set a date for the full committee to vote on the request. **If** no request for extension is received or the Committee votes not to extend implementation, the Committee Chair will advertise this action and set a filing window to give other agencies a chance to request an allotment of that spectrum.

8.4 Priority for Receiving Spectrum Allocations

All agencies, with two exceptions, received spectrum allocations as requested. AMR requested 24 voice channels and the State of California Emergency Medical Services Authority (EMSA), asked for a general EMS allocation of 10 voice channels. These requests were combined into one EMS pool allocation for EMS use, to be administered by the State EMSA. This pool is for any EMS provider to use under EMSA guidelines. The other exception was for requests by several small cities in Los Angeles County for spectrum for police operations. This exception is explained below.

The cities of Arcadia, Azusa, Glendora, Maywood, Southgate, **Bell**, Vernon, and Downey all requested a small number of voice channels for police operations. The City and County of Los Angeles police radio systems are on UHF spectrum (**450** to 512 MHz), as is most other cities in the Los Angeles basin. These systems have established mutual aid channels and procedures in place. The County of Los Angeles Sheriff is in the early stage of planning radio system upgrades. It is likely those upgrades will allow the Sheriff to host other agencies on their system. It would

be more spectrum efficient and facilitate mutual aid if the above agencies joined the Sheriffs system, thus making it a multi-agency system. **Also**, the Sheriff should complete it's upgrade before the 700 MHz spectrum will be available for use in that area, thus giving relief in a shorter time frame to those cities.

For those reasons this plan does not allocate spectrum to the above listed cities, but instead urges them and the Los Angeles Sheriff to come to agreement for multi-agency use of the Sheriffs system. In the event that no agreement can be reached between any or all of the parties, those cities will be allocated spectrum under this plan. Those allotments will be taken from the allotment provided the County of Los Angeles on a one-for-one channel basis.

8.5 Priority Matrix

In the event that future spectrum requests conflict and cannot all be accommodated, the following matrix will be used to determine priority for allotment. This matrix will only be used if two requests are received in the same time frame. Otherwise, the first come first served procedure of Section 5.2 will be used.

- Priority is given to users fundamentally involved with the protection of life and Property
- Priority is given to shared multi-agency systems. These systems can be either groups of separate departments within a large agency or groups of agencies operating together under a large blanket agency.
- Immediate documented funding must be available to construct the system using these 700 MHz frequencies.

This process, if required will be treated as a dispute and the procedures outlined in Section 5.6 using the above criteria will be used to allot the frequencies.

9 Coordination with Adjacent Regions

The adjacent Regions (Northern California, Nevada and Arizona) are not as far along in the planning process as Southern California. The Chair will send final draft copies of this plan to the conveners or Chair, as appropriate, to each adjacent region. The number of channels available to adjacent regions is over half of the total channels. Excepting the Las Vegas, Nevada, area, the border regions are sparsely populated and generally the NPSPAC 8211866 MHz band frequencies are not built out. Therefore, adjacent regions should be able to satisfy voice and narrowband data requests along their border areas with Region 5. If Nevada has problems satisfying requests in the Las Vegas area, this committee pledges to work with Nevada to resolve any issues.

10 Spectrum utilization

In the *two* high population density areas of Southern California, the Los Angeles/Orange County basin and San Diego, spectrum for public safety is chronically short to support all needs. Southern California is a leader in spectrum efficient **use** of public safety spectrum.

Before narrowband equipment was available, through research and testing by the County of San Bernardino, 12.5 kHz offset frequencies were used under waiver to geographically short space compared to normal co-channel spacing. This was implemented at 800 MHz and extended to 470 to 512 MHz by many other agencies under waiver of FCC rules. These efforts were the basis for spacing the NPSPAC, channels every 12.5 kHz. The NPSPAC plan for Southern California also contains the strictest RF signal levels for reuse of any in the nation. Agencies are required to maintain 40 dBμ in their coverage area and have reduced signals to only 35 dBμ for adjacent 12.5 kHz channel and 20 dBμ for co-channel at the border with respective agencies. A case in point, this resulted in co-channel sharing between the County of San Bernardino and the City of Los Angeles, only 35 miles apart. Adjacent channel sharing between the County of Riverside and the County of Los Angeles, about 10 miles between borders is another example of efficient spectrum sharing. These are only two of many short spaced systems in use in Southern California.

With this plan the public safety providers are striving to utilize the spectrum as efficiently as possible. The requests for voice and narrowband data totaled 880 channels. To satisfy this need the spectrum workgroup examined the requests, along with additional information requested of all agencies, to identify any duplicate requests from multi-agency systems, or any requests that were considered unreasonable to satisfy real needs over the next 15 years.

From this, the workgroup found that some Los Angeles County Cities would be best served by joining the Los Angeles County Sheriffs UHF system. The Committee will work with all parties to accomplish this. In the event that the Sheriff cannot accommodate the agencies then their needs will be met by reducing the County of Los Angeles allotment as required.

The spectrum workgroup also recommended that allotments be made on the basis of one 6.25 kHz channel for each voice channel request and two 6.25 kHz channels for each narrowband data channel request. This recommendation is approved by the full Committee and is part of this plan. This allows for the full agency needs to be met and the committee believes also conforms to the FCC intent to require use of technology that yields one voice path for each 6.25 kHz of spectrum.

Due to the existing TV assignments and HDTV assignments, most of Southern California cannot use this spectrum until the HDTV implementation is completed. This may be sooner or later than 2006. Given this uncertainty, this plan does not

limit an agency from initially implementing (if it conforms to FCC **rules**) a technology that yields less than one voice channel per **6.25 kHz** channel or aggregating narrowband data into **25 kHz** blocks. The agencies are on notice that they will not receive additional allotments due to using technology that yields less than one voice channel per **6.25 kHz** of spectrum or narrowband **data** of less than 19.2kbps per **12.5kHz** of spectrum.

11 Wideband Data

The committee received numerous requests for the wideband data channels. The requests were for bandwidths of 50, 100, and 150 kHz, with the majority for 150 kHz bandwidth. The requests totaled 827, 50 kHz equivalent channels. This compares to only forty-eight (48), 50 kHz channels available in the General use allocation.

The workgroups encountered difficulty determining proper loading criteria to use and appropriate applications for these channels. The committee Chair at the May, 2001 NCC meeting requested help from the NCC in determining these standards. Also, TIA has not completed work on the interoperability standard. Knowledge of the throughput and other technical details of the interoperability standard would assist this committee in allocating the wideband channels.

In consideration of these factors, the committee is not including any allocations, interoperability recommendations or implementation criteria at this time for the wideband data channels. The committee will await input from the NCC, conduct it's own research on the above issues and monitor **TIA** progress on standards before taking any action on wideband data channels. **As** soon as the committee has sufficient knowledge, an amended plan addressing the wideband data will be submitted to the FCC for approval.

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE - FREQUENCY ALLOCATION PLAN

CHAN #	BASE FREQUENCY (MHz)	USER	USER	USER
1	764.00125	LOW POWER	BASE - LOCAL PUBLIC SAFETY	MOBILE - GPS / TELEMETRY
2	764.00175	LOW POWER	BASE - LOCAL PUBLIC SAFETY	MOBILE - GPS / TELEMETRY
3	764.011625	LOW POWER	BASE - LOCAL PUBLIC SAFETY	MOBILE - GPS / TELEMETRY
4	764.021475	LOW POWER	BASE - LOCAL PUBLIC SAFETY	MOBILE - GPS / TELEMETRY
5	764.031325	LOW POWER	BASE - FIRE	MOBILE - LAW
6	764.031375	LOW POWER	BASE - FIRE	MOBILE - LAW
7	764.040625	LOW POWER	BASE - FIRE	MOBILE - LAW
8	764.040675	LOW POWER	BASE - FIRE	MOBILE - LAW
9	764.051125	LOW POWER	NATIONAL	NATIONAL
10	764.051175	LOW POWER	NATIONAL	NATIONAL
11	764.061525	LOW POWER	NATIONAL	NATIONAL
12	764.071875	LOW POWER	NATIONAL	NATIONAL
13	764.081225	LONG BEACH TRANSIT		
14	764.091575	LONG BEACH TRANSIT		
15	764.101925	LONG BEACH TRANSIT		
16	764.111525	LONG BEACH TRANSIT		
17	764.121875	LONG BEACH TRANSIT		
18	764.131225			
19	764.140625	INTERMODULARITY		
20	764.140675	INTERMODULARITY		
21	764.151025	INTERMODULARITY		
22	764.151075	INTERMODULARITY		
23	764.161375	INTERMODULARITY		
24	764.161425	INTERMODULARITY		
25	764.171775	INTERMODULARITY		
26	764.181125	INTERMODULARITY		
27	764.181175	INTERMODULARITY		
28	764.191525	INTERMODULARITY		
29	764.191575	INTERMODULARITY		
30	764.201925	INTERMODULARITY		
31	764.201975	INTERMODULARITY		
32	764.212325	INTERMODULARITY		
33	764.212375	INTERMODULARITY		
34	764.222725	INTERMODULARITY		
35	764.222775	INTERMODULARITY		
36	764.233125	INTERMODULARITY		
37	764.233175	INTERMODULARITY		
38	764.243525	INTERMODULARITY		
39	764.243575	INTERMODULARITY		
40	764.253925	INTERMODULARITY		
41	764.253975	INTERMODULARITY		
42	764.264325	INTERMODULARITY		
43	764.264375	INTERMODULARITY		
44	764.274725	INTERMODULARITY		
45	764.274775	INTERMODULARITY		
46	764.285125	INTERMODULARITY		
47	764.285175	INTERMODULARITY		
48	764.295525	INTERMODULARITY		
49	764.295575	INTERMODULARITY		
50	764.305925	INTERMODULARITY		
51	764.305975	INTERMODULARITY		
52	764.316325	INTERMODULARITY		
53	764.316375	INTERMODULARITY		
54	764.326725	INTERMODULARITY		
55	764.326775	INTERMODULARITY		
56	764.337125	INTERMODULARITY		
57	764.337175	INTERMODULARITY		
58	764.347525	INTERMODULARITY		
59	764.347575	INTERMODULARITY		
60	764.357925	INTERMODULARITY		
61	764.357975	INTERMODULARITY		
62	764.368325	INTERMODULARITY		
63	764.368375	INTERMODULARITY		
64	764.378725	INTERMODULARITY		
65	764.378775	INTERMODULARITY		
66	764.389125	INTERMODULARITY		
67	764.389175	INTERMODULARITY		
68	764.399525	INTERMODULARITY		
69	764.399575	INTERMODULARITY		
70	764.409925	INTERMODULARITY		
71	764.409975	INTERMODULARITY		
72	764.420325	INTERMODULARITY		
73	764.420375	INTERMODULARITY		
74	764.430725	INTERMODULARITY		
75	764.430775	INTERMODULARITY		
76	764.441125	INTERMODULARITY		
77	764.441175	INTERMODULARITY		
78	764.451525	INTERMODULARITY		
79	764.451575	INTERMODULARITY		
80	764.461925	INTERMODULARITY		
81	764.461975	INTERMODULARITY		
82	764.472325	INTERMODULARITY		
83	764.472375	INTERMODULARITY		
84	764.482725	INTERMODULARITY		
85	764.482775	INTERMODULARITY		
86	764.493125	INTERMODULARITY		
87	764.493175	INTERMODULARITY		
88	764.503525	INTERMODULARITY		
89	764.503575	INTERMODULARITY		
90	764.513925	INTERMODULARITY		
91	764.513975	INTERMODULARITY		
92	764.524325	INTERMODULARITY		
93	764.524375	INTERMODULARITY		
94	764.534725	INTERMODULARITY		
95	764.534775	INTERMODULARITY		
96	764.545125	INTERMODULARITY		
97	764.545175	INTERMODULARITY		
98	764.555525	INTERMODULARITY		
99	764.555575	INTERMODULARITY		
100	764.565925	INTERMODULARITY		
101	764.565975	INTERMODULARITY		
102	764.576325	INTERMODULARITY		
103	764.576375	INTERMODULARITY		
104	764.586725	INTERMODULARITY		
105	764.586775	INTERMODULARITY		
106	764.597125	INTERMODULARITY		
107	764.597175	INTERMODULARITY		
108	764.607525	INTERMODULARITY		
109	764.607575	INTERMODULARITY		
110	764.617925	INTERMODULARITY		
111	764.617975	INTERMODULARITY		
112	764.628325	INTERMODULARITY		
113	764.628375	INTERMODULARITY		
114	764.638725	INTERMODULARITY		
115	764.638775	INTERMODULARITY		
116	764.649125	INTERMODULARITY		
117	764.649175	INTERMODULARITY		
118	764.659525	INTERMODULARITY		
119	764.659575	INTERMODULARITY		
120	764.669925	INTERMODULARITY		
121	764.669975	INTERMODULARITY		
122	764.680325	INTERMODULARITY		
123	764.680375	INTERMODULARITY		
124	764.690725	INTERMODULARITY		
125	764.690775	INTERMODULARITY		
126	764.701125	INTERMODULARITY		
127	764.701175	INTERMODULARITY		
128	764.711525	INTERMODULARITY		
129	764.711575	INTERMODULARITY		
130	764.721925	INTERMODULARITY		
131	764.721975	INTERMODULARITY		
132	764.732325	INTERMODULARITY		
133	764.732375	INTERMODULARITY		
134	764.742725	INTERMODULARITY		
135	764.742775	INTERMODULARITY		
136	764.753125	INTERMODULARITY		
137	764.753175	INTERMODULARITY		
138	764.763525	INTERMODULARITY		
139	764.763575	INTERMODULARITY		
140	764.773925	INTERMODULARITY		
141	764.773975	INTERMODULARITY		
142	764.784325	INTERMODULARITY		
143	764.784375	INTERMODULARITY		
144	764.794725	INTERMODULARITY		
145	764.794775	INTERMODULARITY		
146	764.805125	INTERMODULARITY		
147	764.805175	INTERMODULARITY		
148	764.815525	INTERMODULARITY		
149	764.815575	INTERMODULARITY		
150	764.825925	INTERMODULARITY		
151	764.825975	INTERMODULARITY		
152	764.836325	INTERMODULARITY		
153	764.836375	INTERMODULARITY		
154	764.846725	INTERMODULARITY		
155	764.846775	INTERMODULARITY		
156	764.857125	INTERMODULARITY		
157	764.857175	INTERMODULARITY		
158	764.867525	INTERMODULARITY		
159	764.867575	INTERMODULARITY		
160	764.877925	INTERMODULARITY		
161	764.877975	INTERMODULARITY		
162	764.888325	INTERMODULARITY		
163	764.888375	INTERMODULARITY		
164	764.898725	INTERMODULARITY		
165	764.898775	INTERMODULARITY		
166	764.909125	INTERMODULARITY		
167	764.909175	INTERMODULARITY		
168	764.919525	INTERMODULARITY		
169	764.919575	INTERMODULARITY		
170	764.929925	INTERMODULARITY		
171	764.929975	INTERMODULARITY		
172	764.940325	INTERMODULARITY		
173	764.940375	INTERMODULARITY		
174	764.950725	INTERMODULARITY		
175	764.950775	INTERMODULARITY		
176	764.961125	INTERMODULARITY		
177	764.961175	INTERMODULARITY		
178	764.971525	INTERMODULARITY		
179	764.971575	INTERMODULARITY		
180	764.981925	INTERMODULARITY		
181	764.981975	INTERMODULARITY		
182	764.992325	INTERMODULARITY		
183	764.992375	INTERMODULARITY		
184	765.002725	INTERMODULARITY		
185	765.002775	INTERMODULARITY		
186	765.013125	INTERMODULARITY		
187	765.013175	INTERMODULARITY		
188	765.023525	INTERMODULARITY		
189	765.023575	INTERMODULARITY		
190	765.033925	INTERMODULARITY		
191	765.033975	INTERMODULARITY		
192	765.044325	INTERMODULARITY		
193	765.044375	INTERMODULARITY		
194	765.054725	INTERMODULARITY		
195	765.054775	INTERMODULARITY		
196	765.065125	INTERMODULARITY		
197	765.065175	INTERMODULARITY		
198	765.075525	INTERMODULARITY		
199	765.075575	INTERMODULARITY		
200	765.085925	INTERMODULARITY		
201	765.085975	INTERMODULARITY		
202	765.096325	INTERMODULARITY		
203	765.096375	INTERMODULARITY		
204	765.106725	INTERMODULARITY		
205	765.106775	INTERMODULARITY		
206	765.117125	INTERMODULARITY		
207	765.117175	INTERMODULARITY		
208	765.127525	INTERMODULARITY		
209	765.127575	INTERMODULARITY		
210	765.137925	INTERMODULARITY		
211	765.137975	INTERMODULARITY		
212	765.148325	INTERMODULARITY		
213	765.148375	INTERMODULARITY		
214	765.158725	INTERMODULARITY		
215	765.158775	INTERMODULARITY		
216	765.169125	INTERMODULARITY		
217	765.169175	INTERMODULARITY		
218	765.179525	INTERMODULARITY		
219	765.179575	INTERMODULARITY		
220	765.189925	INTERMODULARITY		
221	765.189975	INTERMODULARITY		
222	765.200325	INTERMODULARITY		
223	765.200375	INTERMODULARITY		
224	765.210725	INTERMODULARITY		
225	765.210775	INTERMODULARITY		
226	765.221125	INTERMODULARITY		
227	765.221175	INTERMODULARITY		
228	765.231525	INTERMODULARITY		
229	765.231575	INTERMODULARITY		
230	765.241925	INTERMODULARITY		
231	765.241975	INTERMODULARITY		
232	765.252325	INTERMODULARITY		
233	765.252375	INTERMODULARITY		
234	765.262725	INTERMODULARITY		
235	765.262775	INTERMODULARITY		
236	765.273125	INTERMODULARITY		
237	765.273175	INTERMODULARITY		
238	765.283525	INTERMODULARITY		
239	765.283575	INTERMODULARITY		
240	765.293925	INTERMODULARITY		
241	765.293975	INTERMODULARITY		
242	765.304325	INTERMODULARITY		
243	765.304375	INTERMODULARITY		
244	765.314725	INTERMODULARITY		
245	765.314775	INTERMODULARITY		
246	765.325125	INTERMODULARITY		
247	765.325175	INTERMODULARITY		
248	765.335525	INTERMODULARITY		
249	765.335575	INTERMODULARITY		
250	765.345925	INTERMODULARITY		
251	765.345975	INTERMODULARITY		
252	765.356325	INTERMODULARITY		
253	765.356375	INTERMODULARITY		
254	765.366725	INTERMODULARITY		
255	765.366775	INTERMODULARITY		
256	765.377125	INTERMODULARITY		
257	765.377175	INTERMODULARITY		
258	765.387525	INTERMODULARITY		
259	765.387575	INTERMODULARITY		
260	765.397925	INTERMODULARITY		
261	765.397975	INTERMODULARITY		
262	765.408325	INTERMODULARITY		
263	765.408375	INTERMODULARITY		
264	765.418725	INTERMODULARITY		
265	765.418775	INTERMODULARITY		
266	765.429125	INTERMODULARITY		
267	765.429175	INTERMODULARITY</		

CHAN
SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE--FREQUENCY ALLOCATION PLAN
BASE
FREQUENCY

CHAN	BASE	FREQUENCY	USER	USER	USER
#		(MHz)			
139	764.306525				
140	764.306575				
161	765.003125				
162	765.009375				
163	765.015625				
164	765.021875				
165	765.028125				
166	765.034375				
167	765.040625				
168	765.046875				
169	765.053125				
170	765.059375				
171	765.065625				
172	765.071875				
173	765.078125				
174	765.084375				
175	765.090625				
176	765.096875				
177	765.103125				
178	765.109375				
179	765.115625				
180	765.121875				
181	765.128125				
182	765.134375				
183	765.140625				
184	765.146875				
185	765.153125				
186	765.159375				
187	765.165625				
188	765.171875				
189	765.178125				
190	765.184375				
191	765.190625				
192	765.196875				
193	765.203125				
194	765.209375				
195	765.215625				
196	765.221875				
197	765.228125				
198	765.234375				
199	765.240625				
200	765.246875				
201	765.253125				
202	765.259375				
203	765.265625				
204	765.271875				
205	765.278125				
206	765.284375				
207	765.290625				
208	765.296875				
209	765.303125				
210	765.309375				
211	765.315625				
212	765.321875				
213	765.328125				
214	765.334375				
215	765.340625				
216	765.346875				
217	765.353125				
218	765.359375				
219	765.365625				
220	765.371875				
221	765.378125				
222	765.384375				
223	765.390625				
224	765.396875				
225	765.403125				
226	765.409375				
227	765.415625				
228	765.421875				
229	765.428125				
230	765.434375				
231	765.440625				
232	765.446875				
233	765.453125				
234	765.459375				
235	765.465625				
236	765.471875				
237	765.478125				
238	765.484375				
239	765.490625				
240	765.496875				
241	765.503125				
242	765.509375				
243	765.515625				
244	765.521875				
245	765.528125				
246	765.534375				
247	765.540625				
248	765.546875				
249	765.553125				
250	765.559375				
251	765.565625				
252	765.571875				
253	765.578125				
254	765.584375				
255	765.590625				
256	765.596875				
257	765.603125				
258	765.609375				
259	765.615625				
260	765.621875				
261	765.628125				
262	765.634375				
263	765.640625				
264	765.646875				
265	765.653125				
266	765.659375				
267	765.665625				
268	765.671875				
269	765.678125				
270	765.684375				
271	765.690625				
272	765.696875				
273	765.703125				
274	765.709375				
275	765.715625				
276	765.721875				
277	765.728125				
278	765.734375				
279	765.740625				
280	765.746875				
281	765.753125				
282	765.759375				
283	765.765625				
284	765.771875				
285	765.778125				
286	765.784375				
287	765.790625				
288	765.796875				
289	765.803125				
290	765.809375				
291	765.815625				
292	765.821875				
293	765.828125				
294	765.834375				
295	765.840625				
296	765.846875				
297	765.853125				
298	765.859375				
299	765.865625				
300	765.871875				
301	765.878125				
302	765.884375				
303	765.890625				
304	765.896875				
305	765.903125				
306	765.909375				
307	765.915625				
308	765.921875				
309	765.928125				
310	765.934375				
311	765.940625				
312	765.946875				
313	765.953125				
314	765.959375				
315	765.965625				
316	765.971875				
317	765.978125				
318	765.984375				
319	765.990625				
320	765.996875				
321	766.003125				
322	766.009375				
323	766.015625				
324	766.021875				
325	766.028125				
326	766.034375				
327	766.040625				
328	766.046875				
329	766.053125				
330	766.059375				
331	766.065625				
332	766.071875				
333	766.078125				
334	766.084375				
335	766.090625				
336	766.096875				
337	766.103125				
338	766.109375				
339	766.115625				
340	766.121875				
341	766.128125				
342	766.134375				
343	766.140625				
344	766.146875				
345	766.153125				
346	766.159375				
347	766.165625				
348	766.171875				
349	766.178125				
350	766.184375				
351	766.190625				
352	766.196875				
353	766.203125				
354	766.209375				
355	766.215625				
356	766.221875				
357	766.228125				
358	766.234375				
359	766.240625				
360	766.246875				
361	766.253125				
362	766.259375				
363	766.265625				
364	766.271875				
365	766.278125				
366	766.284375				
367	766.290625				
368	766.296875				
369	766.303125				
370	766.309375				
371	766.315625				
372	766.321875				
373	766.328125				
374	766.334375				
375	766.340625				
376	766.346875				
377	766.353125				
378	766.359375				
379	766.365625				
380	766.371875				
381	766.378125				
382	766.384375				
383	766.390625				
384	766.396875				
385	766.403125				
386	766.409375				
387	766.415625				
388	766.421875				
389	766.428125				
390	766.434375				
391	766.440625				
392	766.446875				
393	766.453125				
394	766.459375				
395	766.465625				
396	766.471875				
397	766.478125				
398	766.484375				
399	766.490625				
400	766.496875				
401	766.503125				
402	766.509375				
403	766.515625				
404	766.521875				
405	766.528125				
406	766.534375				
407	766.540625				
408	766.546875				
409	766.553125				
410	766.559375				
411	766.565625				
412	766.571875				
413	766.578125				
414	766.584375				
415	766.590625				
416	766.596875				
417	766.603125				
418	766.609375				
419	766.615625				
420	766.621875				
421	766.628125				
422	766.634375				
423	766.640625				
424	766.646875				
425	766.653125				
426	766.659375				
427	766.665625				
428	766.671875				
429	766.678125				
430	766.684375				
431	766.690625				
432	766.696875				
433	766.703125				
434	766.709375				
435	766.715625				
436	766.721875				
437	766.728125				
438	766.734375				
439	766.740625				
440	766.746875				
441	766.753125				
442	766.759375				
443	766.765625				
444	766.771875				
445					

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE - FREQUENCY ALLOCATION PLAN

CHAN #	BASE FREQUENCY (MHz)	USER	USER	USER
319	745.990625	INTERMODALITY INTERMODALITY		
320	745.990625	COUNTY OF LOS ANGELES		
321	766.003125	COUNTY OF LOS ANGELES		
322	766.009375	COUNTY OF LOS ANGELES		
323	766.015625	COUNTY OF LOS ANGELES		
324	766.021875	COUNTY OF LOS ANGELES		
325	766.028125	COUNTY OF LOS ANGELES		
326	766.034375	COUNTY OF LOS ANGELES		
327	766.040625	COUNTY OF LOS ANGELES		
328	766.046875	COUNTY OF LOS ANGELES		
329	766.053125	COUNTY OF LOS ANGELES		
330	766.059375	COUNTY OF LOS ANGELES		
331	766.065625	COUNTY OF LOS ANGELES		
332	766.071875	COUNTY OF LOS ANGELES		
333	766.078125	COUNTY OF LOS ANGELES		
334	766.084375	COUNTY OF LOS ANGELES		
335	766.090625	COUNTY OF LOS ANGELES		
336	766.096875	COUNTY OF LOS ANGELES		
337	766.103125	COUNTY OF LOS ANGELES		
338	766.109375	COUNTY OF LOS ANGELES		
339	766.115625	COUNTY OF LOS ANGELES		
340	766.121875	COUNTY OF LOS ANGELES		
341	766.128125	COUNTY OF LOS ANGELES		
342	766.134375	COUNTY OF LOS ANGELES		
343	766.140625	COUNTY OF LOS ANGELES		
344	766.146875	COUNTY OF LOS ANGELES		
345	766.153125	COUNTY OF LOS ANGELES		
346	766.159375	COUNTY OF LOS ANGELES		
347	766.165625	COUNTY OF LOS ANGELES		
348	766.171875	COUNTY OF LOS ANGELES		
349	766.178125	COUNTY OF LOS ANGELES		
350	766.184375	COUNTY OF LOS ANGELES		
351	766.190625	COUNTY OF LOS ANGELES		
352	766.196875	COUNTY OF LOS ANGELES		
353	766.203125	COUNTY OF LOS ANGELES		
354	766.209375	COUNTY OF LOS ANGELES		
355	766.215625	COUNTY OF LOS ANGELES		
356	766.221875	COUNTY OF LOS ANGELES		
357	766.228125	COUNTY OF LOS ANGELES		
358	766.234375	COUNTY OF LOS ANGELES		
359	766.240625	COUNTY OF LOS ANGELES		
360	766.246875	COUNTY OF LOS ANGELES		
361	766.253125	COUNTY OF LOS ANGELES		
362	766.259375	COUNTY OF LOS ANGELES		
363	766.265625	COUNTY OF LOS ANGELES		
364	766.271875	COUNTY OF LOS ANGELES		
365	766.278125	COUNTY OF LOS ANGELES		
366	766.284375	COUNTY OF LOS ANGELES		
367	766.290625	COUNTY OF LOS ANGELES		
368	766.296875	COUNTY OF LOS ANGELES		
369	766.303125	COUNTY OF LOS ANGELES		
370	766.309375	COUNTY OF LOS ANGELES		
371	766.315625	COUNTY OF LOS ANGELES		
372	766.321875	COUNTY OF LOS ANGELES		
373	766.328125	COUNTY OF LOS ANGELES		
374	766.334375	COUNTY OF LOS ANGELES		
375	766.340625	COUNTY OF LOS ANGELES		
376	766.346875	COUNTY OF LOS ANGELES		
377	766.353125	COUNTY OF LOS ANGELES		
378	766.359375	COUNTY OF LOS ANGELES		
379	766.365625	COUNTY OF LOS ANGELES		
380	766.371875	COUNTY OF LOS ANGELES		
381	766.378125	COUNTY OF LOS ANGELES		
382	766.384375	COUNTY OF LOS ANGELES		
383	766.390625	COUNTY OF LOS ANGELES		
384	766.396875	COUNTY OF LOS ANGELES		
385	766.403125	COUNTY OF LOS ANGELES		

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE: FREQUENCY ALLOCATION PLAN

CHAN #	BASE FREQUENCY (MHz)	USER	USER
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386	766 409375	STATE OF CALIFORNIA	
387	766 415625	STATE OF CALIFORNIA	
388	766 421875	STATE OF CALIFORNIA	
389	766 428125	STATE OF CALIFORNIA	
390	766 434375	STATE OF CALIFORNIA	
391	766 440625	STATE OF CALIFORNIA	
392	766 446875	STATE OF CALIFORNIA	
393	766 453125	STATE OF CALIFORNIA	
394	766 459375	STATE OF CALIFORNIA	
395	766 465625	STATE OF CALIFORNIA	
396	766 471875	STATE OF CALIFORNIA	
397	766 478125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
398	766 484375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
399	766 490625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
400	766 496875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
401	766 503125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
402	766 509375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
403	766 515625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
404	766 521875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
405	766 528125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
406	766 534375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
407	766 540625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
408	766 546875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
409	766 553125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
410	766 559375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
411	766 565625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
412	766 571875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
413	766 578125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
414	766 584375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
415	766 590625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
416	766 596875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
417	766 603125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
418	766 609375	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
419	766 615625	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
420	766 621875	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO
421	766 628125	STATE OF CALIFORNIA	COUNTY OF SAN BERNARDINO
422	766 634375	STATE OF CALIFORNIA	
423	766 640625	STATE OF CALIFORNIA	
424	766 646875	STATE OF CALIFORNIA	
425	766 653125	STATE OF CALIFORNIA	
426	766 659375	STATE OF CALIFORNIA	
427	766 665625	STATE OF CALIFORNIA	
428	766 671875	STATE OF CALIFORNIA	
429	766 678125	STATE OF CALIFORNIA	
430	766 684375	STATE OF CALIFORNIA	
431	766 690625	STATE OF CALIFORNIA	
432	766 696875	STATE OF CALIFORNIA	
433	766 703125	STATE OF CALIFORNIA	
434	766 709375	STATE OF CALIFORNIA	
435	766 715625	STATE OF CALIFORNIA	
436	766 721875	STATE OF CALIFORNIA	
437	766 728125	LA COUNTY MTA	
438	766 734375	LA COUNTY MTA	
439	766 740625	LA COUNTY MTA	
440	766 746875	LA COUNTY MTA	
441	766 753125	LA COUNTY MTA	
442	766 759375	LA COUNTY MTA	
443	766 765625	LA COUNTY MTA	
444	766 771875	LA COUNTY MTA	
445	766 778125	LA COUNTY MTA	
446	766 784375	LA COUNTY MTA	
447	766 790625	LA COUNTY MTA	
448	766 796875	LA COUNTY MTA	
449	766 803125	LA COUNTY MTA	
450	766 809375	LA COUNTY MTA	
451	766 815625	LA COUNTY MTA	
452	766 821875	LA COUNTY MTA	
453	766 828125	LA COUNTY MTA	
454	766 834375	LA COUNTY MTA	
455	766 840625	LA COUNTY MTA	
456	766 846875	LA COUNTY MTA	
457	766 853125	LA COUNTY MTA	
458	766 859375	LA COUNTY MTA	
459	766 865625	LA COUNTY MTA	
460	766 871875	LA COUNTY MTA	
461	766 878125	STATE OF CALIFORNIA	
462	766 884375	STATE OF CALIFORNIA	

CHAN #	FREQUENCY (MHz)	USER	USER	En	I	S a
463	766 850625	STATE OF CALIFORNIA				
464	766 856875	STATE OF CALIFORNIA				
465	766 903125	STATE OF CALIFORNIA				
466	766 909375	STATE OF CALIFORNIA				
467	766 915625	STATE OF CALIFORNIA				
468	766 921875	STATE OF CALIFORNIA				
469	766 928125	STATE OF CALIFORNIA				
470	766 934375	STATE OF CALIFORNIA				
471	766 940625	STATE OF CALIFORNIA				
472	766 946875	STATE OF CALIFORNIA				
473	766 953125	UCLA / UC				
474	766 959375	UCLA / UC				
475	766 965625	UCLA / UC				
476	766 971875	UCLA / UC				
477	766 978125	UCLA / UC				
478	766 984375	UCLA / UC				
479	766 990625	UCLA / UC				
480	766 996875	UCLA / UC				
481	773 003125	CSU				
482	773 009375	CSU				
483	773 015625	CSU				
484	773 021875	CSU				
485	773 028125	PALOS VERDES ESTATES				
486	773 034375	PALOS VERDES ESTATES				
487	773 040625	PALOS VERDES ESTATES				
488	773 046875	PALOS VERDES ESTATES				
489	773 053125	STATE OF CALIFORNIA				
490	773 059375	STATE OF CALIFORNIA				
491	773 065625	STATE OF CALIFORNIA				
492	773 071875	STATE OF CALIFORNIA				
493	773 078125	STATE OF CALIFORNIA				
494	773 084375	STATE OF CALIFORNIA				
495	773 090625	STATE OF CALIFORNIA				
496	773 096875	STATE OF CALIFORNIA				
497	773 103125	STATE OF CALIFORNIA				
498	773 109375	STATE OF CALIFORNIA				
499	773 115625	STATE OF CALIFORNIA				
500	773 121875	STATE OF CALIFORNIA				
501	773 128125	COUNTY OF RIVERSIDE	CITY OF SIMI VALLEY			
502	773 134375	COUNTY OF RIVERSIDE	CITY OF SIMI VALLEY			
503	773 140625	COUNTY OF RIVERSIDE	CITY OF SIMI VALLEY			
504	773 146875	COUNTY OF RIVERSIDE	CITY OF SIMI VALLEY			
505	773 153125	COUNTY OF RIVERSIDE	CITY OF POMONA			
506	773 159375	COUNTY OF RIVERSIDE	CITY OF POMONA			
507	773 165625	COUNTY OF RIVERSIDE	CITY OF POMONA			
508	773 171875	COUNTY OF RIVERSIDE	CITY OF POMONA			
509	773 178125	COUNTY OF RIVERSIDE	CITY OF POMONA			
510	773 184375	COUNTY OF RIVERSIDE	CITY OF POMONA			
511	773 190625	COUNTY OF RIVERSIDE				
512	773 196875	COUNTY OF RIVERSIDE				
513	773 203125	COUNTY OF RIVERSIDE				
514	773 209375	COUNTY OF RIVERSIDE				
515	773 215625	COUNTY OF RIVERSIDE				
516	773 221875	COUNTY OF RIVERSIDE				
517	773 228125	COUNTY OF RIVERSIDE				
518	773 234375	COUNTY OF RIVERSIDE				
519	773 240625	COUNTY OF RIVERSIDE				
520	773 246875	COUNTY OF RIVERSIDE				
521	773 253125	COUNTY OF RIVERSIDE				
522	773 259375	COUNTY OF RIVERSIDE				
523	773 265625	COUNTY OF RIVERSIDE				
524	773 271875	COUNTY OF RIVERSIDE				
525	773 278125	COUNTY OF RIVERSIDE				
526	773 284375	STATE OF CALIFORNIA				
527	773 290625	STATE OF CALIFORNIA				
528	773 296875	STATE OF CALIFORNIA				
529	773 303125	STATE OF CALIFORNIA				
530	773 309375	STATE OF CALIFORNIA				
531	773 315625	STATE OF CALIFORNIA				
532	773 321875	STATE OF CALIFORNIA				
533	773 328125	STATE OF CALIFORNIA				
534	773 334375	STATE OF CALIFORNIA				
535	773 340625	STATE OF CALIFORNIA				
536	773 346875	STATE OF CALIFORNIA				
537	773 353125	STATE OF CALIFORNIA				
538	773 359375	STATE OF CALIFORNIA				
539	773 365625	STATE OF CALIFORNIA				

CHAN	#	SOUTHERN CALIFORNIA REGIONAL PLANNING COMMISSION	FREQUENCY	BASE	(MHz)	USER
697	774.353125	INTERFERABILITY				USER
698	774.353125	INTERFERABILITY				USER
701	774.378125	COUNTY OF ORANGE				
702	774.384375	COUNTY OF ORANGE				
703	774.390625	COUNTY OF ORANGE				
704	774.396875	COUNTY OF ORANGE				
705	774.403125	COUNTY OF ORANGE				
706	774.409375	COUNTY OF ORANGE				
707	774.415625	COUNTY OF ORANGE				
708	774.421875	COUNTY OF ORANGE				
709	774.428125	COUNTY OF ORANGE				
710	774.434375	COUNTY OF ORANGE				
711	774.440625	COUNTY OF ORANGE				
712	774.446875	COUNTY OF ORANGE				
713	774.453125	COUNTY OF ORANGE				
714	774.459375	COUNTY OF ORANGE				
715	774.465625	COUNTY OF ORANGE				
716	774.471875	COUNTY OF ORANGE				
717	774.478125	COUNTY OF ORANGE				
718	774.484375	COUNTY OF ORANGE				
719	774.490625	COUNTY OF ORANGE				
720	774.496875	COUNTY OF ORANGE				
721	774.503125	INTERFERABILITY				
722	774.509375	INTERFERABILITY				
723	774.515625	INTERFERABILITY				
724	774.521875	INTERFERABILITY				
725	774.528125	INTERFERABILITY				
726	774.534375	INTERFERABILITY				
727	774.540625	INTERFERABILITY				
728	774.546875	INTERFERABILITY				
729	774.553125	INTERFERABILITY				
730	774.559375	INTERFERABILITY				
731	774.565625	INTERFERABILITY				
732	774.571875	INTERFERABILITY				
733	774.578125	INTERFERABILITY				
734	774.584375	INTERFERABILITY				
735	774.590625	INTERFERABILITY				
736	774.596875	INTERFERABILITY				
737	774.603125	INTERFERABILITY				
738	774.609375	INTERFERABILITY				
739	774.615625	INTERFERABILITY				
740	774.621875	INTERFERABILITY				
741	774.628125	COUNTY OF LOS ANGELES				
742	774.634375	COUNTY OF LOS ANGELES				
743	774.640625	COUNTY OF LOS ANGELES				
744	774.646875	COUNTY OF LOS ANGELES				
745	774.653125	COUNTY OF LOS ANGELES				
746	774.659375	COUNTY OF LOS ANGELES				
747	774.665625	COUNTY OF LOS ANGELES				
748	774.671875	COUNTY OF LOS ANGELES				
749	774.678125	COUNTY OF LOS ANGELES				
750	774.684375	COUNTY OF LOS ANGELES				
751	774.690625	COUNTY OF LOS ANGELES				
752	774.696875	COUNTY OF LOS ANGELES				
753	774.703125	COUNTY OF LOS ANGELES				
754	774.709375	COUNTY OF LOS ANGELES				
755	774.715625	COUNTY OF LOS ANGELES				
756	774.721875	COUNTY OF LOS ANGELES				
757	774.728125	COUNTY OF LOS ANGELES				
758	774.734375	COUNTY OF LOS ANGELES				
759	774.740625	COUNTY OF LOS ANGELES				
760	774.746875	COUNTY OF LOS ANGELES				
761	774.753125	INTERFERABILITY				
762	774.759375	INTERFERABILITY				
763	774.765625	INTERFERABILITY				
764	774.771875	INTERFERABILITY				
765	774.778125	INTERFERABILITY				
766	774.784375	INTERFERABILITY				
767	774.790625	INTERFERABILITY				
768	774.796875	INTERFERABILITY				
769	774.803125	INTERFERABILITY				
770	774.809375	INTERFERABILITY				
771	774.815625	INTERFERABILITY				
772	774.821875	INTERFERABILITY				
773	774.828125	INTERFERABILITY				
774	774.834375	INTERFERABILITY				
775	774.840625	INTERFERABILITY				
776	774.846875	INTERFERABILITY				
777	774.853125	INTERFERABILITY				
778	774.859375	INTERFERABILITY				
779	774.865625	INTERFERABILITY				
780	774.871875	INTERFERABILITY				
781	774.878125	INTERFERABILITY				
782	774.884375	INTERFERABILITY				
783	774.890625	INTERFERABILITY				
784	774.896875	INTERFERABILITY				
785	774.903125	INTERFERABILITY				
786	774.909375	INTERFERABILITY				
787	774.915625	INTERFERABILITY				
788	774.921875	INTERFERABILITY				
789	774.928125	INTERFERABILITY				
790	774.934375	INTERFERABILITY				
791	774.940625	INTERFERABILITY				
792	774.946875	INTERFERABILITY				
793	774.953125	INTERFERABILITY				
794	774.959375	INTERFERABILITY				
795	774.965625	INTERFERABILITY				
796	774.971875	INTERFERABILITY				
797	774.978125	INTERFERABILITY				
798	774.984375	INTERFERABILITY				
799	774.990625	INTERFERABILITY				
800	774.996875	INTERFERABILITY				
801	775.003125	INTERFERABILITY				
802	775.009375	INTERFERABILITY				
803	775.015625	INTERFERABILITY				
804	775.021875	INTERFERABILITY				
805	775.028125	INTERFERABILITY				
806	775.034375	INTERFERABILITY				
807	775.040625	INTERFERABILITY				
808	775.046875	INTERFERABILITY				
809	775.053125	INTERFERABILITY				
810	775.059375	INTERFERABILITY				
811	775.065625	INTERFERABILITY				
812	775.071875	INTERFERABILITY				
813	775.078125	INTERFERABILITY				
814	775.084375	INTERFERABILITY				
815	775.090625	INTERFERABILITY				
816	775.096875	INTERFERABILITY				
817	775.103125	INTERFERABILITY				
818	775.109375	INTERFERABILITY				
819	775.115625	INTERFERABILITY				
820	775.121875	INTERFERABILITY				
821	775.128125	INTERFERABILITY				
822	775.134375	INTERFERABILITY				
823	775.140625	INTERFERABILITY				
824	775.146875	INTERFERABILITY				
825	775.153125	INTERFERABILITY				
826	775.159375	INTERFERABILITY				
827	775.165625	INTERFERABILITY				
828	775.171875	INTERFERABILITY				
829	775.178125	INTERFERABILITY				
830	775.184375	INTERFERABILITY				
831	775.190625	INTERFERABILITY				
832	775.196875	INTERFERABILITY				
833	775.203125	INTERFERABILITY				
834	775.209375	INTERFERABILITY				
835	775.215625	INTERFERABILITY				
836	775.221875	INTERFERABILITY				
837	775.228125	INTERFERABILITY				
838	775.234375	INTERFERABILITY				
839	775.240625	INTERFERABILITY				
840	775.246875	INTERFERABILITY				
841	775.253125	INTERFERABILITY				
842	775.259375	INTERFERABILITY				
843	775.265625	INTERFERABILITY				
844	775.271875	INTERFERABILITY				
845	775.278125	INTERFERABILITY				
846	775.284375	INTERFERABILITY				
847	775.290625	INTERFERABILITY				
848	775.296875	INTERFERABILITY				
849	775.303125	INTERFERABILITY				
850	775.309375	INTERFERABILITY				
851	775.315625	INTERFERABILITY				
852	775.321875	INTERFERABILITY				
853	775.328125	INTERFERABILITY				
854	775.334375	INTERFERABILITY				
855	775.340625	INTERFERABILITY				
856	775.346875	INTERFERABILITY				
857	775.353125	INTERFERABILITY				
858	775.359375	INTERFERABILITY				
859	775.365625	INTERFERABILITY				
860	775.371875	INTERFERABILITY				
861	775.378125	INTERFERABILITY				
862	775.384375	INTERFERABILITY				
863	775.390625	INTERFERABILITY				
864	775.396875	INTERFERABILITY				
865	775.403125	INTERFERABILITY				
866	775.409375	INTERFERABILITY				
867	775.415625	INTERFERABILITY				
868	775.421875	INTERFERABILITY				
869	775.428125	INTERFERABILITY				
870	775.434375	INTERFERABILITY				
871	775.440625	INTERFERABILITY				
872	775.446875	INTERFERABILITY				
873	775.453125	INTERFERABILITY				
874	775.459375	INTERFERABILITY				
875	775.465625	INTERFERABILITY				
876	775.471875	INTERFERABILITY				
877	775.478125	INTERFERABILITY				
878	775.484375	INTERFERABILITY				
879	775.490625	INTERFERABILITY				
880	775.496875	INTERFERABILITY				
881	775.503125	INTERFERABILITY				
882	775.509375	INTERFERABILITY				
883	775.515625	INTERFERABILITY				
884	775.521875	INTERFERABILITY				
885	775.528125	INTERFERABILITY				
886	775.534375	INTERFERABILITY				
887	775.540625	INTERFERABILITY				
888	775.546875	INTERFERABILITY				
889	775.553125	INTERFERABILITY				
890	775.559375	INTERFERABILITY				
891	775.565625	INTERFERABILITY				
892	775.571875	INTERFERABILITY				
893	775.578125	INTERFERABILITY				
894	775.584375	INTERFERABILITY				
895	775.590625	INTERFERABILITY				
896	775.596875	INTERFERABILITY				
897	775.603125	INTERFERABILITY				
898	775.609375	INTERFERABILITY				
899	775.615625	INTERFERABILITY				
900	775.621875	INTERFERABILITY				

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE

CHAN #	FREQ (MHz)	USER	USER	USER
777	774.03125	INTERFERABILITY		
778	774.03125	INTERFERABILITY		
781	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
782	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
783	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
784	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
785	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
786	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
787	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
788	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
789	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
790	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
791	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
792	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
793	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
794	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
795	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
796	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
797	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
798	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
799	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
800	774.03125	COUNTY OF RIVERSIDE	KERN COUNTY	
801	775.03125	INTERFERABILITY		
802	775.03125	INTERFERABILITY		
817	775.03125	INTERFERABILITY		
818	775.03125	INTERFERABILITY		
821	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
822	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
823	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
824	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
825	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
826	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
827	775.03125	CITY OF LOS ANGELES	COUNTY OF SAN BERNARDINO	
828	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
829	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
830	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
831	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
832	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
833	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
834	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
835	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
836	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
837	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
838	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
839	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
840	775.03125	CITY OF LOS ANGELES	CITY OF SAN DIEGO	
841	775.03125	INTERFERABILITY		
842	775.03125	INTERFERABILITY		
843	775.03125	INTERFERABILITY		
844	775.03125	INTERFERABILITY		
845	775.03125	INTERFERABILITY		
846	775.03125	INTERFERABILITY		
847	775.03125	INTERFERABILITY		
848	775.03125	INTERFERABILITY		
849	775.03125	INTERFERABILITY		
850	775.03125	INTERFERABILITY		

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE - FREQUENCY ALLOCATION PLAN

CHAN #	BASE FREQUENCY (MHz)	USER	USER	USER
887	775.13125	INTERFERABILITY		
888	775.135375	INTERFERABILITY		
801	775.378125	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
862	775.384375	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
863	775.390625	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
864	775.396875	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
865	775.403125	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
866	775.409375	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
867	775.415625	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
868	775.421875	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
869	775.428125	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
870	775.434375	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
871	775.440625	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
872	775.446875	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
873	775.453125	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
874	775.459375	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
875	775.465625	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
876	775.471875	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
877	775.478125	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
878	775.484375	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
879	775.490625	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
880	775.496875	COUNTY OF LOS ANGELES	COUNTY OF SAN DIEGO	
881	775.503125	INTERFERABILITY		
882	775.509375	INTERFERABILITY		
897	775.603125	INTERFERABILITY		
898	775.609375	INTERFERABILITY		
901	775.628125	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	CITY OF POMONA
902	775.634375	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	CITY OF POMONA
903	775.640625	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	CITY OF POMONA
904	775.646875	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	CITY OF POMONA
905	775.653125	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
906	775.659375	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
907	775.665625	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
908	775.671875	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
909	775.678125	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
910	775.684375	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
911	775.690625	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
912	775.696875	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
913	775.703125	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
914	775.709375	COUNTY OF SAN BERNARDINO	VENTURA COUNTY	
915	775.715625	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
916	775.721875	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
917	775.728125	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
918	775.734375	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
919	775.740625	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
920	775.746875	COUNTY OF SAN BERNARDINO	SAN LUIS OBISPO COUNTY	
921	775.753125	INTERFERABILITY		
922	775.759375	INTERFERABILITY		

SOUTHERN CALIFORNIA REGIONAL PLANNING COMMITTEE - FREQUENCY ALLOCATION PLAN

CHAN #	BAND FREQUENCY (MHz)	USER	USER	USER
937	775.853125	INTERFERABILITY		
938	775.853775	INTERFERABILITY		
939	775.854425	INTERFERABILITY		
940	775.855075	INTERFERABILITY		
941	775.855725	INTERFERABILITY		
942	775.856375	INTERFERABILITY		
943	775.857025	INTERFERABILITY		
944	775.857675	INTERFERABILITY		
945	775.858325	INTERFERABILITY		
946	775.858975	INTERFERABILITY		
947	775.859625	INTERFERABILITY		
948	775.860275	INTERFERABILITY		
949	775.860925	INTERFERABILITY		
950	775.861575	INTERFERABILITY		
951	775.862225	INTERFERABILITY		
952	775.862875	INTERFERABILITY		
953	775.863525	INTERFERABILITY		
954	775.864175	INTERFERABILITY		
955	775.864825	INTERFERABILITY		
956	775.865475	INTERFERABILITY		
957	775.866125	INTERFERABILITY		
958	775.866775	INTERFERABILITY		
959	775.867425	INTERFERABILITY		
960	775.868075	INTERFERABILITY		

* BASE CHANNELS REFER TO
DOWNLINK HALF OF PAIR
* MOBILE CHANNELS REFER
TO UPLINK HALF OF PAIR
ALL OPERATIONS IN THIS PART OF
BAND ARE MOBILE APPLICATIONS

APPENDIX A

Name	Agency	Address	Phone
REGINALD MANUEL	CITY OF CORONA	135 N. McKinley CORONA 91789	909 736-2228
ANDY PROPER	BELL PD	6526 PINE AVE BELL, CA 91021	323 585-1245 EXT 267
Phuh Dinh	City of LA	250 E. First St Rm 1400 Los Angeles 90012	213 847-6680
Ken Norton kqn@citymgr.sannet.gov	City of San Diego	1220 Camino Centro San Diego 92102	619 525-8665
Jim Tucker	"	"	619 525-8252
Chad Kopp	Long Beach Sheriff	2050 of 731 Long Beach 90801	562 591-8753
Joe Parrino	CITY of Montebello	311 S. Greenwood Montebello, 90640	323- 882-4633
BRYAN HAWKIN	CITY of LONG BEACH	1601 SAN FRANCISCO AVE LONG BEACH	562 570-2187
Keith Sakrissian	County of Riverside	7195 Alessandro Riverside, CA 92506	909- 934-4761
GARY GURY	County of Orange	840 N. Euclid St Orange, CA 92667	714-707-7911

Name	Agency	Address	Phone
MIANE RABER	L.A. COUNTY SHERIFF	1277 N. EASTERN AV. L.A. 90063	(323) 267-2616
CARRI SABEL	LBT	1963 E Anaheim L.B.	(562) 599-8527
Jason Bruch	RTM, INC	100 N. SQUIVOLA ALBU. SP. 1100	810 563 5747
IAN TELFER	CINERGY/ REPRESENTING LONG BEACH TRANSIT	Box 587 SUNSET BL CA 90742	562 598 9475
TRAVIS Williams	COUNTY OF Los Angeles	Box 2519 Downey, CA 90242	562 940-3362
FRANK WESTPHAL	CITY OF POMONA	Box 660 91766 POMONA, CA	909 620-2099
ALEX GROZA	SAN DIEGO POLICE DEPT.	1401 BROADWAY MS 797 SAN DIEGO CA. 92101	619 531-2493
Chuck Luckey	City of Long Beach	1601 San Francisco Long Beach CA	562 570-3250
JAIME JENNINGS	WCLIA	741 E. Charles Young Drive A. 90095	(310) 206 -7103
Elizabeth Putrino	Azusa P.D.	725 N. Alameda Azusa, CA 91702	626- 812-3200

Name	Agency	Address	Phone
BILL DE CAMP	DEPT OF GENERAL SERVICES, TELECOM DIVISION	601 SEQUOIA PARK BLVD., SACRAMENTO CA 95814	916 657 9205
	11	11	916 657 9166
ROGER MELTON	"	"	916-657-9132
BOB ENSWINGER	DGS-TD	"	(916) 657-9100
Barbara Mathews	Dept of General Svcs	2909 Tapa Cyn Road Simi Valley CA 91353	(805) 583 8848
Don MILLER	WCD LONG BEACH	1601 SAN FRANCISCO LONG BEACH, CA	562-520-2787
MIKE MOCKLER	M.T.A.	ONE GATEWAY PLAZA M/S 99-08-04 L.A. CA 90012	(213) 922-3454
Preston Thurnsm	State of CA DGS TELECOM	601 SEQUOIA PARK BLVD Sacramento CA 95814	916 657 9264
Glen Nash	State of California	601 Sequoia Park Blvd Sacramento, CA 95814-0282	916-657-9454
KEN MANN	CITY OF LA	250 E. FIRST ST LA 90012	213 847 2397

Name	Agency	Address	Phone
ELF TAWSL	WAGWOOD P.D.	4317 E. SLAUSON AVE WAGWOOD 90225	909 592 1459
RUSS GALBREATH	SOUTH GATE PD	8620 CALIFURMA AVE., S. G. 90260	323 563-5857

Name	Agency	Address	Phone
Don Miller	CITY OF LONG BEACH	1601 SAN FRANCISCO LONG BEACH, CA	562-570-2787
Clint Leake	City of Long Beach	1601 SAN FRANCISCO LONG BEACH, CA	562-570 2787
Joc PARRINO	City of Monterey	323 311 S. 857 L Corcoran & Ave	323 857-4635
Richard Whittlesley	COUNTY OF SAN DIEGO	5855 OVERLAND AVE SAN DIEGO CA 92123 MS 056	(966) 495-5455
Bryan Hammis	CITY OF LONG BEACH	1601 SAN FRANCISCO AVE LONG BEACH	(562) 570-2787
Thinh Dinh	City of Los Angeles	250 E. FIRST ST Rm 1400 Los Angeles 90012	213 847-6686
KEN MANN	CITY OF LOS ANGELES	250 E. FIRST ST ROOM 1400	213 847-2397
Gary Gray	County of Orange	840 N. ECKHART ST. STE. 101 ORANGE, CA 92668-1021	714 + 704-7911

Name	Agency	Address	Phone
Chuck Luckey	Long Beach Contractor	1601 San Francisco St Long Beach, CA	562-570 2787

700 MHz Regional Planning March 13, 2002 Meeting

Name	Agency	Address	Phone
FRANK LESTRAAL	CITY OF POMONA	BOX 660 POMONA, CA 91766	909 620-2559
MIKE MUCKLER	L.A.C M.T.A.	CINE DRIVEWAY PLAZA M/L 97-08 54 L.A. CAL 75512	(213) 922-5734
GARETT MAHER	LACO	1110 N EASTERN LA 90063	562 940-3935
Loyce Melton	State of CA, DGS Telecom	601 Sequoia Pacific BLVD	116- 657-9132
Ken McNich	L.A. County	1110 N EASTERN LA 90063	323- 267-5414
Diane Fisher	L.A. County SHERIFF	1277 N EASTERN AVE LA 90063	(323) 267-2616
GERALD COOPER	LA COUNTY SHERIFF'S DEPT.	1277 N EASTERN AVE LA 90063	323 267-3476
GARY POON	L.A. COUNTY ISD / COMM	1110 N EASTERN AVE LOS ANGELES CA 90063	323-267-3004
Jaime Dueñas	LKLA	741 Charles Young Drive S. LA CA 90055	267 710 206-7103
Ken Norton	City of San Diego	1220 Caminito Centro San Diego	619 525 8655

700 MHz Regional Planning March 13, 2002 Meeting

Barbara Mathews
Linda DeChane
Hank Williams
Bura-Dawson
ROBERT STOFFEL

City of
Simi Valley
WECA
M/A-COM
M/A-COM
COUNTY OF ORANGE

2929 Tapo Cyn Rd 905-
Simi Valley CA 583-
93063 6848
4350 Baseline Rd #203 ATBC 909 446-7210
Rancho Cucamonga CA
40 POINTS DR Bldg 91821 714 672-5792
400 Bunker Dr Bldg 91821 714 672-5586
840 N. ELMHURST ST. #104 (714) 704-7919
ORANGE CA 92667

Name	Agency	Address	Phone
Bill DeCamp	CALIFORNIA DGS TELECOM DIVISION	601 SEQUOIA PARK BLVD. SACRAMENTO CA 95814	916 657- 9205
Preston Thomson	California DGS Telecom Div	601 Sequoia Park Blvd, Sacramento CA	916-657 9264
Carol Biancalani	CA. MS Authority Communications Dispatch	1930 N. 1st St. Sacramento, CA 95814	916-322- 4336
Angela Azeredo	CHP. Telecom	800 Stillwater Rd West Sacramento 95605	916/375-2501 916/375 2906 (fax)
Travis Williams	COUNTY OF Los Angeles	9150 E Imperial Hwy Room V-121 Downey, CA 90242	(562) 940-3362
John Sarkissian	COUNTY OF RIVERSIDE IT/COMM DIV	6447 RIVERCAST DR. RIVERSIDE, CA 92507	(909) 486-7857
CHRIS SUNDLEE	GOV'S OFFICE OF EMERGENCY SERVICES	4671 Liberty Ave #283 LOS ANGELES 90072	562-795-2905
Tim Peters	TECH/KNOWLEDGE, INC REPRESENTING AMERICAN MEDICAL RESPONSE, INC.	300 E. DEL MAR BLVD SUITE 300 PASADENA, CA 91105	626-444-1000
BOB KOVACH	NEWPORT BEACH P.D.	870 SANTA BARBARA DR. NEWPORT BEACH CA 92660	949 644-3743
Reza Farahmand	California Dept. of Transportation	801 Grand Street Los Angeles, CA 90017	213-897-4275

Name	Agency	Address	Phone
STEVE BEEFERMAN	DARTMOUTH RADIO	6160 PEACHTREE DUNWOODY RD ATLANTA, GA 30328	770 392 0002
CASEY CHEL	LONG BEACH F.D.	1165 PETERSON AVE 90813 LONG BEACH	562 570-1024
FRANK WESTHAL	CITY OF FARMER	Box 660 91769 FARMER, CA	909 620-059
Chuck Luckey	Long Beach	1601 San Francisco Long Beach, CA 90813	562 570-3250
Bryan Hawkins			562 570-2787
Roger Melton	State of CA Telecom Div.	601 Sutter Pacific Blvd Sacramento, CA 95814	916 657-7152
Travis Williams	COUNCIL OF Los Angeles	P.O. Box 2519 Downey 90242	562 940-3362
GARY FORD	"	1110 N. EASTERN AVE Los Angeles, CA 90063	323 267-3004
KEN MITCHELL	CHP	860 STILLWATER WEST SACRAMENTO 95605	916 375-7700
DAVE VIGIL	CITY OF L.B.	1601 SAN FRANCISCO LONG BEACH, CA 90813	(562) 570-2787

Name	Agency	Address	Phone
Julian Santelissian	County of Riverside	7195 ALESSANDRI RIVERSIDE, CA 92506	(909) 955-7533
Fred David Gray, RE	County of Orange	840 N. E. Knuff St., Ste. 109 Orange, CA 92668-1021	714-709-779
Proshutinsky	St CA	601 SEQUOIA AVE. #10 BL. Soc 95814	916 657-926
Candy Knight	County of L.A.	8244 STAR BL. RIVERSIDE	(626) 453 4104 ROLAND D. D. W. II
MARION W. H. H. H.	CITY OF LOS ANGELES	2000 F. H. H. H. CITY OF LOS ANGELES CITY OF LOS ANGELES	(310) 847-6676
BILL SNYDER	GREATER LOS ANGELES CHAPTER AMERICAN RED CROSS	26033 CORONA CT VANUENIA, CA 91355	660-855- 3760

LA, CA, US

Name	Agency	Address	Phone
Glen Nash	State of California	601 Sequoia Pacific Sacramento, CA 95814	916 657-4434
JAMES Dennis	WCLH	741 S. Charles Yuma L.A. 90095	310- 206-7143
Jim Longtinorug	LACo DPW	900 S. Fremont Alhambra 91803	626- 458 6983
Melinda Longtinorug	City of L.A.	250 E First St. #1400	213- 847 2372
Phunk Pink	City of L.A.	250 E. First St #1400 Los Angeles 90012	213- 847 6686
LENDING MARTINEZ	STATE OF CALIFORNIA BYA	15180 S. CIRCLE CITING CA 91710	909 606 5000 2246
JEFFRY JOHNSON	LONG BEACH PD	400 W BROADWAY LONG BEACH, CA 90802	562- 570-6681

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PW. CO.
LA. US

APPENDIX B

Region 5 700MHz Public Safety Planning Committee Committee Meeting

September 2, 1999

Minutes

Meeting called to order at 13:30 hours by David Buchanan, Convenor

Overview

David Buchanan presented an overview of the 700 MHz band rules and the Regional Plan process. Glen Nash provided an overview of the National Coordination Committee process and on going work.

Election of Chairperson

Nominations were called for election of a chairperson. David Buchanan was nominated. Gary Gray made motion and second by Bryan Hawkins. No other nominations were received. The vote was unanimous for David Buchanan. David Buchanan continued to chair the meeting.

Adoption of Operating Procedures

After discussion, motion made by Chuck Luskey and second by Travis Williams to adopt the following: Operate using the latest Robert's rules of Order. The group will try to reach a consensus on all issues. If all parties cannot reach a consensus decision on an issue then a vote will be taken. Each jurisdiction has a vote and a 2/3 majority is required to pass.

Formation of working groups

After discussion, the group decided on three working groups, with others later if required

1. Drafting Group
2. Spectrum Issues Group
1. Operations Issues Group

These groups will begin work after the first of the year

Other Business

After discussion, the group decided to open a filing window for requests for channels. This window is to run until January 1, 2000.

Meeting Adjourned

**Region 5 700MHz Public Safety Planning Committee
Committee Meeting**

June 21, 2000

Minutes

Meeting called to order at 10:00 hours by David Buchanan, Chairperson

Approve Minutes

The minutes of the September 21, 1999 meeting were approved, motion by Chuck Luckey and Second by Joe Parrino.

Review NCC Progress

David Buchanan presented a review of the decisions made to date by the NCC committee. Discussions and questions followed. Glen Nash who chairs the NCC Technical Subcommittee also contributed to the update.

Review Requests for Spectrum

Attendees were invited to confirm their requests were in the file maintained by the Chair to insure no requests were lost or not received. Discussion followed on the filing window. It was noted that for various reasons agency requests were received after the January 1, 2000 cutoff date. A motion was made and passed by Gary Gray and second by Mike Mockler to accept those filings and to extend the window to January 1, 2001. The Committee wants to insure all interested agencies have a chance to file.

Form Workgroups to develop the Plan

At the first meeting the group decided to create three working groups to develop the plan.

They are with the chairs:

1. Drafting group – Chair Travis Williams, County of Los Angeles
2. Spectrum issues group – Chair Mehrdad Larijaniha, City of Los Angeles
3. Operations issues group – Chair Bryan Hawkins, City of Long Beach

Signup sheets were passed out for individuals to be members of the groups. The chairs will begin work on their parts of the plan. Progress will be reviewed at the next Committee meeting.

New Business

The timing of future meetings was discussed and a decision was made to hold an informal meeting in the fall to update progress and decisions of the NCC and FCC. The next formal meeting of the committee will be held after the first of the year.

Region **5,700 MHz** Planning Committee
Third Meeting Minutes

Date: **13, March 2002**

Location: Orange ~~County~~ Communications
840 North Eckoff Street, Suite 104
Orange, **CA 92868-1021**

Chairperson: David Buchanan

Chairperson, Dave Buchanan. opened meeting at approximately 10:00 am Pacific Standard Time. Attendees signed the Committee log-sheets.

Minutes from last **meeting (June 21, 2002)**

The meeting minutes ~~from~~ the last meeting were approved **as** written.

Position of ~~Vice-chairperson~~

The first order of business was the election of the Vice-chairperson. A motion was made by Bill De Camp, State of California and ~~was~~ seconded by Joe ~~Parrino~~, City of Montebello nominating Garrett Mayer, County of Los Angeles, to the position of Vice-chairperson. A vote taken of all participating members of the committee confirmed the election of Garrett Mayer as the Vice-chairman. Congratulations to **Garrett**

Position of Secretary

The second order of business was the election of the Committee's Secretary; **A** motion was made by Travis Williams, County of Los Angeles to elect Chuck Luckey, City of Long Beach, for the position of Secretary. Joe Parrino seconded ~~the~~ motion, City of Montebello and a vote ~~of~~ the participating members confirmed the election of Chuck Luckey to the position of Secretary.

~~Wide-band~~ Working Group

A Working Group session open to all. to address the wide-band 700 MHz data channel allocations/assignment was discussed and planned for Wednesday, June ~~19~~ 2002. The Time will be at 10:00 **AM** PST. The location of the meeting will be at Orange County Communications Offices, 840 North Eckoff Street, Suite 104.

Narrow-band Frequency Allotment

A review and discussion of the proposed narrow band, frequency allotment-plan followed.

A motion to accept the plan was made by Garrett Mayer and seconded by Gary Gray, County of Orange.

San Diego raised concerns regarding potential over the water radio frequency levels from the City of Long Beach.

Long Beach also expressed concerns about the extra cost of engineering that may be required for the protection of their system from the City of San Diego.

Further discussion pointed out that LA County, also co-channel with the City of San Diego, is as much a potential threat as City of Long Beach. LAMTA was discussed as a co-channel member. It was decided that the Cities of Long Beach and San Diego will work together to mitigate the potential. The Chair's remarks were that it is prudent for all members to take special measures to mitigate any potential interference during the systems planning and engineering phase.

Simi Valley requested to be moved from their assigned block and will be moved down one block.

Editorial corrections are needed on the low power channels assigned to "Base Fire" and "Mobile Law". A revised frequency list will be re-issued with the appropriate changes. The revised list will be posted on the CPRA website.

The Committee approved the frequency allotment plan at 11:10 **AM**, with changes above on motion by Gary Gray, second by Garrett Mayer. The plan was approved pending editorial discretion by the Chair on motion by Garrett Mayer and second by Gary Gray.

Next meeting of the Regional Committee will be announced

The Meeting adjourned at (time?)